

Title (en)

USE OF MIXTURES OF ALKYLALKANOLAMINES AND ALKYLHYDROXYLAMINES AS STABILIZERS FOR ALKYL ESTER FUELS

Title (de)

VERWENDUNG VON MISCHUNGEN VON ALKYLALKANOLAMINEN UND ALKYLHYDROXYLAMINEN ALS STABILISATOREN IN  
ALKYLESTER-KRAFTSTOFFEN

Title (fr)

UTILISATION DE MÉLANGES D'ALKYLALCANOLAMINES ET D'ALKYLHYDROXYLAMINES EN TANT QUE STABILISANTS POUR DES  
COMBUSTIBLES D'ESTER D'ALKYLE

Publication

**EP 2038378 A4 20111228 (EN)**

Application

**EP 07762295 A 20070523**

Priority

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- US 81221906 P 20060609

Abstract (en)

[origin: WO2007146567A1] A stabilized alkyl ester fuel is disclosed. The stabilized alkyl ester fuel comprises alkyl esters, an effective amount of an alkylalkanolamine, and an effective amount of an alkylhydroxylamine. The alkyl ester fuel is stabilized to oxidative degradation of the alkyl esters of unsaturated fatty acids found in alkyl ester fuels.

IPC 8 full level

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CPC (source: EP US)

**C10L 1/22** (2013.01 - EP US); **C10L 1/2225** (2013.01 - EP US); **C10L 1/23** (2013.01 - EP US)

Citation (search report)

- [Y] WO 2006016991 A1 20060216 - ARKEMA INC [US], et al
- [Y] WO 2004024810 A2 20040325 - CIBA SC HOLDING AG [CH], et al
- See references of WO 2007146567A1

Designated contracting state (EPC)

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TW 200804585 A 20080116; US 2011203167 A1 20110825; US 8231694 B2 20120731

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